

ABSTRACT OF THE DISCLOSURE

An injection syringe of the present invention comprises a hollow barrel, a needle seat and a plunger. The top of hollow barrel comprises an axial extension which has an upper channel and a lower channel for forming a positioning spring and a seal spring. The inside of the barrel where it is coupled to the axial extension has at least one piercer. The needle seat is placed in the hollow barrel, and bottom radius of a body of the needle seat is larger than the top of the body for tightly fastening with the seal spring. The top of needle seat has a needle head seat which includes a plurality of positioning sheets thereon and the needle seat is positioned inside the axial extension by a channel of the needle head seat.